# FY 2000 MILITARY CONSTRUCTION, DEFENSE-WIDE (\$ in Thousands)

State/Agency/Installation/Project	Authorization <u>Request</u>	Approp. <u>Request</u>	New/ Current <u>Mission</u>
Alaska Defense Energy Support Center Eielson Air Force Base, Hydrant Fuel System	26,000	9,000	C
Defense Energy Support Center Elmendorf Air Force Base Replace Hydrant Fuel System	23,500	4,700	C
Pennsylvania Defense Distribution Center New Cumberland Public Safety Center	5,000	867	C
Washington Defense Energy Support Center Fairchild Air Force Base Add to Hydrant Fuel System	12,400	1,500	C
<b>Total Inside the United States</b>	66,900	16,067	
Guam Defense Energy Support Center Andersen Air Force Base Replace Hydrant Fuel System	24,300	2,600	C
Spain Defense Energy Support Center Moron Air Force Base Replace Hydrant Fuel System	15,200	4,100	С
<b>Total Outside the United States.</b>	39,500	6,700	
Worldwide Various Locations: Defense Logistics Agency Conforming Storage Facilities	8,900	1,300	C
TOTAL	115,300	24,067	

S. INSTALLATION AND LOCATION EIEL SON AFB, ALASKA  DEFENSE LOGISTICS AGENCY  1.74  6. PERSONNEL STRENGTH PERMANENT STUDENTS SUPPORTED  Tenant of USAF OFFICER ENLIST CIVIL OFFICER ENLIST CIVIL OFFICER ENLIST CIVIL TOTAL. A. B.  7. INVENTORY DATA (\$000)  A. TOTAL AREA. B. INVENTORY TOTAL AS OF C. ALITHORIZATION FOR YET IN INVENTORY. D. ALITHORIZATION FOR YET IN INVENTORY. D. ALITHORIZATION FOR USETED IN THIS PROGRAM	1. COMPONENT DEFENSE (DLA)	·	FY 2000 MILITA	ARY CON	STRUCTI	ON PRO	OGRAM		2. DATE	FEB 99
ETELSON AFB, ALASKA  6. PERSONNEL STRENGTH PERMANENT STUDENTS SUPPORTED  Tenant of USAF OFFICER ENLIST CIVIL OFFICER ENLIST CIVIL OFFICER ENLIST CIVIL TOTAL A. B.  7. INVENTORY DATA (\$000)  A. TOTAL AREA. B. INVENTORY TOTAL AS OF C. AUTHORIZATION NOT YET IN INVENTORY D. AUTHORIZATION NEQUESTED IN THIS PROGRAM E. PLANNED IN NEXT THREE YEARS G. REMAINING DEFICIENCY H. GRAND TOTAL  8. PROJECTS REQUESTED IN THIS PROGRAM: CATEGORY PROJECT PROJECT PROJECT TITLE CODE NUMBER Hydrant Fuel System 26,000 START COMPLETE 121 DESCRIOO NOTHER PROJECTS  CATEGORY PROJECT CODE NUMBER Hydrant Fuel System 50 support the missions of assigned units of Eielson Air Force Bases and other contingency operations plans.  The backlog of maintenance and repair for fuel facilities at this location is \$19,442,000 for projects through FY 99.  11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES  A. AIR POLLUTION ADD SAFETY DEFICIENCIES  A. AIR POLLUTION B. WATER POLLUTI		OCATION	4. COMMAND							
6. PERSONNEL STRENGTH PERMANENT STUDENTS SUPPORTED  Tenant of USAF OFFICER ENLIST CIVIL OFFICER ENLIST CIVIL OFFICER ENLIST CIVIL OFFICER ENLIST CIVIL TOTAL A. B. TOTAL AREA. B. INVENTORY TOTAL AS OF C. AUTHORIZATION NOT YET IN INVENTORY	EIELSON AFF	EIELSON AFB, DEFENSE LOGISTICS AGENCY							COST	
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7. INVENTORY DATA (\$000)  A. TOTAL AREA.  B. INVENTORY TOTAL AS OF  C. AUTHORIZATION NOT YET IN INVENTORY.  D. AUTHORIZATION REQUESTED IN THIS PROGRAM	Tenant of USAF	OFFICER	ENLIST CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
7. INVENTORY DATA (\$000)  A. TOTAL AREA.  B. INVENTORY TOTAL AS OF  C. AUTHORIZATION NOT YET IN INVENTORY										
A. TOTAL AREA.  B. INVENTORY TOTAL AS OF C. AUTHORIZATION NOT YET IN INVENTORY	D.		7	INVENTO	OV DATA (¢	000)				
C. AUTHORIZATION NOT YET IN INVENTORY	A. TOTAL AREA.		7.	INVENTO	XI DAIA (\$	000)				
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	B. INVENTORY TOTAL A	AS OF								
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	C. AUTHORIZATION NO	Γ YET IN INVENT	ГОRY							
F. PLANNED IN NEXT THREE YEARS.  G. REMAINING DEFICIENCY	D. AUTHORIZATION REG	QUESTED IN THIS	S PROGRAM							26
G. REMAINING DEFICIENCY	E. AUTHORIZATION INC	LUDED IN FOLL	OWING PROGRAM							
H. GRAND TOTAL	F. PLANNED IN NEXT TH	IREE YEARS								
8. PROJECTS REQUESTED IN THIS PROGRAM:  CATEGORY PROJECT PROJECT TITLE (\$000) START COMPLETE 121 DFSC0002 Hydrant Fuel System 26,000 10/97 06/99  9. FUTURE PROJECTS  CATEGORY CODE PROJECT TITLE (\$000)  10. MISSION OR MAJOR FUNCTION These fuel facilities provide essential storage and distribution systems to support the missions of assigned units of Eielson Air Force Base and other contingency operations plans.  The backlog of maintenance and repair for fuel facilities at this location is \$19,442,000 for projects through FY 99.  11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES  A. AIR POLLUTION  B. WATER POLLUTION  0  10. OST (\$000)  10.97 O6/99  START COMPLETE (\$000)  START COMPLE	G. REMAINING DEFICIE	NCY								
8. PROJECTS REQUESTED IN THIS PROGRAM:  CATEGORY PROJECT ODE NUMBER (5000) START COMPLETE (21 DFSC0002 Hydrant Fuel System 26,000 10/97 06/99  9. FUTURE PROJECTS  CATEGORY CODE PROJECT TITLE (5000) START COMPLETE (5000)	H. GRAND TOTAL									26.
CODE NUMBER 121 DFSC0002 Hydrant Fuel System 26,000 START COMPLETE 121 DFSC0002 Hydrant Fuel System 26,000 10/97 06/99  9. FUTURE PROJECTS  CATEGORY CODE PROJECT TITLE (\$000)  10. MISSION OR MAJOR FUNCTION  These fuel facilities provide essential storage and distribution systems to support the missions of assigned units of Eielson Air Force Base and other contingency operations plans.  The backlog of maintenance and repair for fuel facilities at this location is \$19,442,000 for projects through FY 99.  11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES  A. AIR POLLUTION (\$000)  B. WATER POLLUTION 0	8. PROJECTS REQUESTE	D IN THIS PROG	RAM:							
121 DFSC0002 Hydrant Fuel System 26,000 10/97 06/99  9. FUTURE PROJECTS  CATEGORY CODE PROJECT TITLE (\$000)  10. MISSION OR MAJOR FUNCTION These fuel facilities provide essential storage and distribution systems to support the missions of assigned units of Eielson Air Force Base and other contingency operations plans.  The backlog of maintenance and repair for fuel facilities at this location is \$19,442,000 for projects through FY 99.  11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES  A. AIR POLLUTION  B. WATER POLLUTION  O  O  O  O  O  O  O  O  O  O  O  O	CATEGORY PROJEC	Т	PROJE	CT TITLE			COST		DESIGN	STATUS
9. FUTURE PROJECTS  CATEGORY CODE PROJECT TITLE None  ONE PROJECT TITLE None  ONE PROJECT TITLE None  ONE PROJECT TITLE None  ONE ONE ONE ONE ONE ONE ONE ONE ONE ON			Hydrant I	Fuel System			, ,			
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CODE PROJECT TITLE None (\$000)  10. MISSION OR MAJOR FUNCTION These fuel facilities provide essential storage and distribution systems to support the missions of assigned units of Eielson Air Force Base and other contingency operations plans.  The backlog of maintenance and repair for fuel facilities at this location is \$19,442,000 for projects through FY 99.  11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES  A. AIR POLLUTION  B. WATER POLLUTION  O  O  O  O  O  O  O  O  O  O  O  O	9. FUTURE PROJECTS									
None  10. MISSION OR MAJOR FUNCTION These fuel facilities provide essential storage and distribution systems to support the missions of assigned units of Eielson Air Force Base and other contingency operations plans.  The backlog of maintenance and repair for fuel facilities at this location is \$19,442,000 for projects through FY 99.  11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES  (\$000) A. AIR POLLUTION 0 B. WATER POLLUTION 0			PROJECT TITL	F.						
These fuel facilities provide essential storage and distribution systems to support the missions of assigned units of Eielson Air Force Base and other contingency operations plans.  The backlog of maintenance and repair for fuel facilities at this location is \$19,442,000 for projects through FY 99.  11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES  (\$000)  A. AIR POLLUTION  B. WATER POLLUTION  0	CODE						(4000)			
A. AIR POLLUTION (\$000) B. WATER POLLUTION 0	These fuel facilities prov Base and other continge	vide essential sto ency operations	plans.	·				-		on Air Force
A. AIR POLLUTION (\$000) B. WATER POLLUTION 0										
A. AIR POLLUTION 0 B. WATER POLLUTION 0	11. OUTSTANDING POLI	LUTION AND SAF	ETY DEFICIENCIE	S						
	A. AIR POLLUTION						` _ ′			
C. OCCUPATIONAL SAFETY AND HEALTH 0	D WATER BOLLIE	ION					0			
	B. WATER POLLUT		EALTH				0			
		SAFETY AND HE	SALTII							
		SAFETY AND HE	ZALIII							
		SAFETY AND HI	SALIII							
		SAFETY AND HE	SALIII							

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REVIOUS EDITIONS MAY BE USED INTERNALLY

PAGE NO

1. Component 2. Date FY 2000 MILITARY CONSTRUCTION PROJECT DATA **FEB 99 DEFENSE** (DLA) 3. Installation and Location: 4. Project Title EIELSON AIR FORCE BASE, ALASKA HYDRANT FUEL SYSTEM 5. Program Element 6. Category Code 7. Project Number 8. Project Cost (\$000) **DFSC0002** Auth: 26,000 71111S 121 9,000 Approp: 9. COST ESTIMATES Unit Cost Item U/M Quantity Cost (\$000) RIMARY FACILITY..... 19,235 REFUELING OUTLETS..... OL 20 609,000 (12,180)OPERATING TANKS..... kL 3,180 654 (2,080)PUMPHOUSE AND PANTOGRAPH SHELTER..... LS (3,650)TRUCK FILLSTAND..... (490)LS PANTOGRAPHS..... LS (835)SUPPORTING FACILITIES..... 3,950 SITE PREPARATION AND IMPROVEMENTS..... LS (3,000)MECHANICAL & ELECTRICAL UTILITIES..... LS (550)OPERATIONS & MAINTENANCE SUPPORT INFORMATION...... LS (400)SUBTOTAL..... 23,185 CONTINGENCY (5%)..... 1,159 ESTIMATED CONTRACT COST..... 24,344 SUPERVISION, INSPECTION, & OVERHEAD (SIOH) (6.5%)...... 1,582 TOTAL REQUEST..... 25,926 TOTAL REQUEST ROUNDED..... 26,000 10. Description of Proposed Construction This project is phased over two years to construct a hydrant fuel system. DLA plans to construct both phases as a continuous project using a single construction contract with full authorization for a \$26 million project in FY 2000. Furthermore, DLA is requesting an appropriation of \$9 million in FY 2000 and advance appropriation of the remaining amount of \$17 million. Provide one 152 liter-per-second (2400 gallons per minute) pumphouse, 20 hydrant fuel outlets, two 1,590 kiloliter (kL)(10,000 barrel) tanks, truck fillstand, hydrant hose checkout stand, pantographs and pantograph storage shelter. Connect operating tanks to the issue line from bulk storage tanks. Connect the new pumphouse to existing base utilities. Includes cathodic protection, fire detection, and 750kW emergency generator. Provide operations and maintenance support information. REQUIREMENT: 608 liters/second (L/s) ADEQUATE: 152 L/s SUBSTANDARD: 114L/s PROJECT: Construct a Type III pressurized hydrant fuel system. (C) REOUIREMENT: There is a need to provide a hydrant fuel system for wide-bodied aircraft supporting strategic en route mobility requirements in the Pacific. This system will provide fuel hydrants at 20 parking positions that support KC-10 and KC-135 aircraft.

CURRENT SITUATION: Wide-bodied aircraft are currently fueled by refueler trucks or a small Type III hydrant system of five outlets built in 1995. The existing hydrant system can accommodate neither the number of aircraft refueled for peacetime operations nor those expected during a contingency. Refueler trucks, which accomplish about

1. Component DEFENSE	FY 200	FY 2000 MILITARY CONSTRUCTION PROJECT DATA					
(DLA)							
3. Installation and I							
EIELSON AIR FO	ORCE BAS	HYDRANT F	UEL SYSTEM				
5. Program Element	t	6. Category Code	7. Pro	ject Number	8. Project Cost (\$0	00)	
71111S		121	Γ	DFSC0002	Auth: 26,0 Approp: 9,0	000 000	

IMPACT IF NOT PROVIDED: If this project is not provided, air base operations will continue to be hampered by delays in refueling wide-bodied aircraft. Reliance on refueler trucks will increase sortic turnaround times, exhaust equipment and manpower, and create logistical support bottlenecks during contingency operations.

ADDITIONAL: The status quo is unacceptable for meeting strategic en route refueling requirements. Construction of a new hydrant fuel system is the only feasible alternative. This project meets all applicable DoD criteria.

## 12. Supplemental Data:

- A. Estimated Design Data:
  - 1. Status:
    - (a) Date Design Started......10/97
    - (b) Percent Completed as of January 1999......40

    - (d) Date Design Complete......06/99
  - 2. Basis:
    - (a) Standard or Definitive Design:.....YES
    - (b) Date Design was Most Recently Used:......09/97
  - 3. Total Cost (c) = (a)+(b) or (d)+(e) (\$000)
    - (a) Production of Plans and Specifications......900
    - (b) All Other Design Costs......600
    - (c) Total......1500

    - (e) In-House......300
  - 4. Construction Start. 12/99
- B. Equipment associated with this project that will be provided from other appropriations:

  None

<sup>75</sup> percent of aircraft refuelings at the base, are highly susceptible to mechanical failure in subzero temperatures and severe artic conditions. In addition, this slow, manpower-intensive operation reduces the base's ability to meet its demanding refueling requirements and aircraft turnaround times.

1. COMPONENT DEFENSE (DLA)	F	TY 2000 MILITARY CONSTRUCTION	PROGRAM	2. DATE	FEB 99
3. INSTALLATION AND LOC	ATION	4. COMMAND			CONSTRUCTION
ELMENDORF AF ALASKA	ъ,	DEFENSE LOGISTICS A	GENCY	COST	1.53
6. PERSONNEL STRENGTH	PEF	RMANENT STUDENTS	SUPPOR'	ГED	
Tenant of USAF	OFFICER	ENLIST CIVIL OFFICER ENLIST CI	VIL OFFICER ENLIS	ST CIVIL	TOTAL
A. B.					
		7. INVENTORY DATA (\$000)			
A. TOTAL AREA.	_				
B. INVENTORY TOTAL AS O		ann.			
C. AUTHORIZATION NOT YE					62,20
D. AUTHORIZATION REQUE	STED IN THIS	S PROGRAM			23,50
E. AUTHORIZATION INCLUI	DED IN FOLLO	OWING PROGRAM			
F. PLANNED IN NEXT THREE	E YEARS				32,00
G. REMAINING DEFICIENCY	,				
H. GRAND TOTAL					117,70
8. PROJECTS REQUESTED IN	N THIS PROGE	RAM:			
CATEGORY PROJECT		PROJECT TITLE	COST	DESIGN	STATUS
CODE NUMBER 121 DFSC0003		Replace Hydrant Fuel System	(\$000) 23,500	START 10/97	COMPLETE 07/99
121 DISCOUG		Replace Hydrain Faci Bystein	23,300	10/7/	01177
9. FUTURE PROJECTS					
CATEGORY			COST		
CODE 411	Constr	PROJECT TITLE uct Bulk Fuel Storage (FY 03)	(\$000) 32,000		
111	Consti	uet Buik Fuel Storage (FF 03)	32,000		
Base and other contingency	essential sto operations p	orage and distribution systems to support the plans.  For fuel facilities at this location is \$2,403,000.	•		endorf Air Force
11. OUTSTANDING POLLUTI	ON AND SAF	ETY DEFICIENCIES			
A. AIR POLLUTION			(\$000) 0		
B. WATER POLLUTION			0		
C. OCCUPATIONAL SAI	FETY AND HE	EALTH	0		

1 Component								2 Doto
1. Component DEFENSE	FY 200	00 MILITARY CONS	TRUC	TION	<b>PROJ</b>	ECT	DATA	2. Date FEB 99
(DLA) 3. Installation and L	ocation:			1 Dre	ject Title			
5. Histaliation and L	ocation:			4. Pro	ject Title			
ELMENDORF AI	R FORCE	BASE, ALASKA		REPI	LACE H	YDR A	ANT FUEL S	SYSTEM
5. Program Element		6. Category Code	7. Pro	ject Nu	mber	8. Pr	oject Cost (\$0	00)
71111S		121		FSC0		Auth	-	500
711115		121		rbco	005			
						Appı	гор. 4,	700
		9. COST E	ESTIMA					- (tage)
		Item		U/M	Quant	ity	Unit Cost	Cost (\$000)
				-	-		-	14,187
				OL	15		536,000	(8,040)
				kL	3,18	0	575	(1,829)
		APH SHELTER		LS	-		-	(3,153)
				LS	-		-	(430)
PANTOGRAPHS				LS	-		-	(735)
								4.500
		NO OF THE PERSON		-	-		-	6,792
		PROVEMENTS		LS	-		-	(2,600)
		L UTILITIES		LS	-		-	(1,050)
		GE GUDDODE DEOD (A EVO		LS	-		-	(2,757)
OPERATIONS & M.	AINTENAN	CE SUPPORT INFORMATIO	N	LS	-		-	(385)
CLIDTOTAL								20.070
				-	-		-	20,979
CONTINGENCI (5%)	)			-	-		-	1,049
ESTIMATED CONTR	ACT COST				_			22,028
		OVERHEAD (SIOH) (6.5%)			_		_	1,432
SOI EKVISION, INSI	ection, a	O VERTIEAD (SIOII) (0.370)		_	_		_	1,432
TOTAL REQUEST				_	_		_	23,460
							_	23,500
TOTAL REQUEST RO	JOINDED	•••••						23,300
10. Description of P	roposed Cor	nstruction This project is pha	ased ove	r two y	ears to re	place	a hydrant fue	l system. DLA
		as a continuous project using						
		00. Furthermore, DLA is req						
		maining amount of \$18.8 mil						
		t fuel outlets, two 1,590 kilo nd pantograph storage shelter						
		v pumphouse to existing base						
_		Remove 27 underground tan				-		
		s and maintenance support in				1 0	,	
11 REQUIREME	NT: 304 li	ters/second (L/s) ADI	EQUAT	E: 152	2 L/s		SUBSTANI	DARD: 455 L/s
PROJECT: Replace	e a deterior	ated hydrant fueling system v	with a T	vpe III	pressurize	ed fue	l system. (C	)
topao				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	r		- 2,5002111 (0,	,

REQUIREMENT: There is a need to provide a functioning hydrant fuel system for wide-bodied aircraft supporting strategic en route mobility requirements in the Pacific. This system will replace a 40-year-old hydrant system that is failing and cannot support peacetime missions or en route mobility requirements in contingency or wartime operations.

1. Component DEFENSE	FY 200	FY 2000 MILITARY CONSTRUCTION PROJECT DATA							
(DLA)									
3. Installation and I	Installation and Location:  4. Project Title								
ELMENDORF A	YDRANT FUEL S	SYSTEM							
5. Program Element	t	6. Category Code	7. Pro	ject Number	8. Project Cost (\$0	000)			
71111S		121 DFSC0003 Auth: 23							
					Approp. 4	,700			

This project provides the second of two hydrant fuel systems needed to meet a total requirement of 30 hydrant outlets. The first system was approved in the FY 99 DLA MILCON program.

CURRENT SITUATION: The existing 40-year-old hydrant system is failing and requires constant repairs due to its condition and the harsh environment in which it operates. Because of the system's age, repair parts are no longer commercially available and must be salvaged from other similar systems or individually fabricated. The underground system lacks cathodic (corrosion) protection, and leaks are occurring more frequently in the steel and aluminum pipes. The current system is a maze of valve pits, lateral control pits, and other exterior components subjected to extreme cold temperatures. During winter months, additional work effort is needed to clear snow away from these vital control points. In contrast, modern pressurized hydrant systems have few exterior control points.

IMPACT IF NOT PROVIDED: If this project is not provided, a complete failure of the existing system is likely as components continue to deteriorate, and replacement parts become unavailable. The continued use of this obsolete system jeopardizes the base's ability to refuel wide-bodied aircraft in support of current en route mobility plans. Underground fuel leaks will continue to cause environmental damage and costly remediation.

ADDITIONAL: An economic analysis reviewed the status quo, repair, and replacement alternatives. Besides the existing system's advanced age and deterioration, its piping is undersized to meet the flowrate requirements to support wide-bodied aircraft refueling. Consequently, replacement of the existing system is the only feasible alternative. This project meets all applicable DoD criteria.

#### 12. Supplemental Data:

- A. Estimated Design Data:
  - 1. Status:

(a)	Date Design Started1	0/97

- (b) Percent Completed as of January 1999......40

- 2. Basis:
  - (a) Standard or Definitive Design:.....YES
- 3. Total Cost (c) = (a)+(b) or (d)+(e) (\$000)
  - (a) Production of Plans and Specifications.......660
  - (b) All Other Design Costs......440
- B. Equipment associated with this project that will be provided from other appropriations:

  None

1. COMPONENT DEFENSE (DLA)	I	FY 2000	MILITA	ARY CON	STRUCTI	ON PRO	OGRAM		2. DATE	FEB 99
3. INSTALLATION AND LOC DDSP SUSQUEH NEW CUMBERL PENNSYLVANIA	ANNA, AND,	<b>4.</b> co	OMMAND D	EFENSE I	OGISTIC	CS AGE	NCY		5. AREA (COST I	CONSTRUCTION INDEX
6. PERSONNEL STRENGTH	PEI	RMANEN'	Т		STUDENTS		SU	JPPORTE	ED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. As of 30 Sep 98 B. As of End of FY 2005	14 12	11 10	1653 1660	0	0	0	201 190	0	663 600	2542 2412
A. TOTAL AREA.			7	. INVENTOR	RY DATA (\$	000)				0.41
B. INVENTORY TOTAL AS O	F 30 SEP 98									3,633,71
C. AUTHORIZATION NOT YE		ΓORY								15,500
D. AUTHORIZATION REQUE										5,00
E. AUTHORIZATION INCLUI										18,200
F. PLANNED IN NEXT THRE	E YEARS									20,00
G. REMAINING DEFICIENCY	7									
H. GRAND TOTAL										3,692,41
8. PROJECTS REQUESTED IN	N THIS PROG	RAM:								· ·
CATEGORY PROJECT CODE NUMBER 730 DDRE0010				CT TITLE  Ifety Center			COST (\$000) 5,000		DESIGN START 12/97	STATUS COMPLETE 07/99
9. FUTURE PROJECTS  CATEGORY  CODE  441  740  441	Child	eneral Pur Develop	ment Cent	E rehouse (FY ter FY 01) rehouse (FY			COST (\$000) 13,500 4,700 20,000			
0. MISSION OR MAJOR FUNC	CTION									
One of two primary distribution for the receipt, storage, ship the eastern United States are	pment, and r nd the Atlant	related co	ost-of-sup	oplies-in-sto	orage (COS	SIS) func	tions for assi			
The backlog of maintenance	e and repair	at this lo	ocation is	\$29,238,00	0 for proje	ects throu	igh FY 00.			
11. OUTSTANDING POLLUT	ION AND SAF	ETY DEF	FICIENCIE	S				_		
A. AIR POLLUTION							(\$000) 0			
							0			
B. WATER POLLUTION							U			

1. Component **DEFENSE** 

## FY 2000 MILITARY CONSTRUCTION PROJECT DATA

2. Date **FEB 99** 

(DLA)

3. Installation and Location:

4. Project Title

DEFENSE DISTRIBUTION DEPOT SUSQUEHANNA (DDSP), NEW CUMBERLAND, PENNSYLVANIA

**PUBLIC SAFETY CENTER** 

5. Program Element	6. Category Code	7. Pro	ject Nun		8. Project Cost (\$000)		
71111S	730	D	DRE00	10	Auth: Approp:	5,000 867	
	9. COST	ESTIMA	TES		Thhroh.	007	
	Item		U/M	Quantity	Unit Cost	Cost (\$000)	
PRIMARY FACILITIES			-	-	-	2,970	
PUBLIC SAFETY CENTER	(2	21,600 SF)	$m^2$	2,193	1,335	(2,928)	
POLICE VEHICLE CANOPY	(	(2,100 SF)	m <sup>2</sup>	195	215	(42)	
SUPPORTING FACILITIES			-	-	-	1,480	
SITE PREPARATION			LS	-	-	(250)	
ELECTRICAL UTILITIES/EN	MERGENCY GENERATOR		LS	-	-	(395)	
STEAM, WATER, SEWER, STORM WATER				-	-	(300)	
PAVING, CURB & GUTTER	, SIDEWALKS		LS	-	-	(200)	
LANDSCAPING, FENCING,	SPRINKLER SYSTEM		LS	-	-	(200)	
DEMOLITION			LS	-	-	(135)	
SUBTOTAL			-	-	-	4,450	
CONTINGENCY (5%)			-	-	-		
ESTIMATED CONTRACT CO	ST		-	_	-	4,673	
SUPERVISION, INSPECTION,	& OVERHEAD (SIOH) (6%)		-	-	-	280	
TOTAL REQUEST			-	-	-	4,953	
TOTAL REQUEST ROUNDED	)		-	-	-	5,000	
EQUIPMENT FUNDED FROM OT	THER APPROPRIATIONS (NON-A			-		(464)	

**10. Description of Proposed Construction** This project is phased over two years to construct a public safety center. DLA plans to construct both phases as a continuous project using a single construction contract with full authorization for a \$5 million project in FY 2000. Furthermore, DLA is requesting an appropriation of \$867,000 in FY 2000 and advance appropriation of the remaining amount of \$4.133 million. Construct a consolidated facility for the installation's fire, police, security, and health-and-safety departments. Provide apparatus room for emergency response vehicles and dormitory, kitchen, and training spaces typical of modern fire stations for both male and female firefighters. Provide operations and administrative space for police, security, and health-and-safety personnel. Includes required utilities, fire protection, emergency generator, vault for small arms and ammunition, heating, ventilation, and air-conditioning systems. Site improvements include staff and visitor parking, pavements, storm drainage, utilities connections, landscaping, and open-sided police vehicle carport. Demolish existing fire station and small administrative building (1,127 m<sup>2</sup> total) (12,131 SF). Accessibility for the handicapped will be provided.

11 REQUIREMENT: 2,193 m<sup>2</sup> ADEQUATE: 0 m<sup>2</sup> SUBSTANDARD: 5,260 m<sup>2</sup>

PROJECT: Construct a public safety center to consolidate activities of the fire, police, security, and health-and-safety offices. (C)

REQUIREMENT: There is a need to provide a consolidated facility for the Directorate of Public Safety, which includes the fire and police departments as well as physical security and health-and-safety personnel. These activities

1. Component	FY 200	00 MILITARY CONS	rruc	TION PROJ	ECT DATA	2. Date
DEFENSE	11200	WILLIAM CONS	11100	1101(1100	Let Dilli	FEB 99
(DLA)				T		
3. Installation and I	ocation:			4. Project Title		
		DEPOT SUSQUEHANNA ND, PENNSYLVANIA		PUB	LIC SAFETY CE	NTER
5. Program Element	t	6. Category Code	7. Pro	ject Number	•	Cost (\$000)
71111S		730	Γ	DRE0010	Auth: Approp:	5,000 867
away. Collocation	of personne	ed facilities, one of which is a l within this directorate will i the minimum training, operation	mprove	coordination an	d management of e	emergency
18 kilometers away These facilities are space needed for po comply with curren within these facilities female firefighters a IMPACT IF NOT If from inadequate fac Sustained operation concerns for emplo ADDITIONAL: Tinfeasible and woul	7. Existing beinadequate to be being and fire to building coes. Moreover and is too so be provided that report the seed of the	e public safety directorate is of uildings for the fire department or modern emergency responsifighting operations. Heating odes, nor is it reliable under it ear, the existing fire station lace and for a new 31-meter (100 eventual). If this project is not provide duce the potential efficiency teriorated, aging facilities will define the definition of the development of the service of the servi	ent and ense orga, coolin ense ucks suffi-foot) and reall advertishings rovide the tate the	police were built anizations since anizations since anizations since anizations since as and electrical asage during arous icient, separate serial platform true public safety directly sponsiveness of a sely affect moral.	t in 1919 and 1937, they lack satisfacto equipment is old a und-the-clock oper- leeping quarters fo ack, recently placed ectorate will continue this essential organale and may cause he benefits as the project public safety direct	respectively. ry specialized nd does not ations common r male and d into service. nue to operate ization. ealth and safety  posed building is ctorate.
12. Supplemental I	Data:					
A. Estimated	_	a:				
1. Status		Started		12/	07	
		pleted as of January 1999				
· ,		ent Completed				
· , ,		Complete				
1. Basis		_				
, ,		Definitive Design:				
(a) I	Date Design	was Most Recently Used:		N	/A	
3. Total	l Cost (c)	= (a)+(b)  or  (d)+(e)  (\$000)	))			
(a) H	Production o	f Plans and Specifications		4	-10	
		sign Costs				
(a) T	Гotal				685	
` '						
(a) I	n-House				.135	
4. Constr	ruction Start			0	1/00	

DDSP), NEW CUMB  Program Element  71111S	tion: UTION DEPOT SUSQUEHANNA BERLAND, PENNSYLVANIA  6. Category Code 730	4. Project  For a second of the second of th	PUBLIC SAFETY CF	ENTER
B. Equipment associated Systems Furniture/Furnations/L	6. Category Code	7. Project Number		ENTER
71111S  B. Equipment associated PURPOSE  Systems Furniture/Furnitu		_	r 8. Project	
PURPOSE  Systems Furniture/Furn Telecommunications/L		DDKEUUIU	Auth: Approp:	t Cost (\$000) 5,000 867
Systems Furniture/Furn	ciated with this project that will be pr	ovided from other	appropriations:	
Telecommunications/L	APPROPRIATION	FISCAL REQU		INT (\$000)
	nishings DWCF	2001		304
& Intrusion Detection		2001		160

1. COMPONENT DEFENSE (DLA)	FY 2000 MILITARY CONSTRUCTION	FY 2000 MILITARY CONSTRUCTION PROGRAM							
3. INSTALLATION AND LOCATION	ON 4. COMMAND		5. AREA CONSTRUCTION						
FAIRCHILD AFB, WASHINGTON	DEFENSE LOGISTICS A	AGENCY	COST INDEX 1.05						
6. PERSONNEL STRENGTH	PERMANENT STUDENTS	SUPPOR'	ΓED						
Tenant of USAF OFF A. B.	ICER ENLIST CIVIL OFFICER ENLIST CI	VIL OFFICER ENLIS	T CIVIL TOTAL						
	7. INVENTORY DATA (\$000)								
A. TOTAL AREA.									
B. INVENTORY TOTAL AS OF	INNUENTORY								
	INVENTORY								
	O IN THIS PROGRAM		12,4						
E. AUTHORIZATION INCLUDED	N FOLLOWING PROGRAM								
F. PLANNED IN NEXT THREE YE.	ARS								
G. REMAINING DEFICIENCY									
H. GRAND TOTAL			12,4						
8. PROJECTS REQUESTED IN THI	S PROGRAM:								
CATEGORY PROJECT	PROJECT TITLE	COST	DESIGN STATUS						
CODE NUMBER 121 DFSC9961	Add to Hydrant Fuel System	(\$000) 12,400	START COMPLETE 02/97 06/99						
9. FUTURE PROJECTS									
CATEGORY CODE	PROJECT TITLE	COST (\$000)							
	None	· /							
Base and other contingency ope	ential storage and distribution systems to support the		units of Fairchild Air Force						
11. OUTSTANDING POLLUTION A	AND SAFETY DEFICIENCIES								
A. AIR POLLUTION		(\$000) 0							
B. WATER POLLUTION		0							
C. OCCUPATIONAL SAFETY	AND HEALTH	0							

1. Component 2. Date FY 2000 MILITARY CONSTRUCTION PROJECT DATA **FEB 99 DEFENSE** (DLA) 3. Installation and Location: 4. Project Title FAIRCHILD AIR FORCE BASE, WASHINGTON ADD TO HYDRANT FUEL SYSTEM 5. Program Element 6. Category Code 7. Project Number 8. Project Cost (\$000) **DFSC9961** Auth: 12,400 71111S 121 Approp: 1,500 9. COST ESTIMATES Item U/M Quantity Unit Cost Cost (\$000) RIMARY FACILITY..... 9,473 REFUELING OUTLETS.... OL 20 300,000 (6,000)OPERATING TANKS..... kL 3,180 375 (1,193)PUMPHOUSE.... LS (2,000)TRUCK FILLSTAND..... (280)LS SUPPORTING FACILITIES..... 1,630 SITE PREPARATION AND IMPROVEMENTS..... LS (400)MECHANICAL & ELECTRICAL UTILITIES..... LS (230)DEMOLITION.... LS (800)OPERATIONS & MAINTENANCE SUPPORT INFORMATION...... LS (200)SUBTOTAL..... 11,103 CONTINGENCY (5%)..... 555 ESTIMATED CONTRACT COST..... 11,658 SUPERVISION, INSPECTION, & OVERHEAD (SIOH) (6%)..... 699 TOTAL REQUEST..... 12,357 TOTAL REQUEST ROUNDED..... 12,400 **10. Description of Proposed Construction** This project is phased over two years to construct a hydrant fuel system. DLA plans to construct both phases as a continuous project using a single construction contract with full authorization for a \$12.4 million project in FY 2000. Furthermore, DLA is requesting an appropriation of \$1.5 million in FY 2000 and advance appropriation of the remaining amount of \$10.9 million. Provide one 152 liter-per-second (2400 gallonper-minute) pumphouse, 20 hydrant fuel outlets, two 1,590 kiloliter (10,000 barrel) tanks, and truck fillstand. Includes cathodic protection, fire detection, and emergency generator power backup. Demolish existing obsolete pumphouse, 11 underground storage tanks, and four malpositioned outlets. Provide additional payement to accommodate outlet placement and restore existing pavements affected by the construction work. Provide operations and maintenance support information.

11 REQUIREMENT: 60 Outlets (OL) ADEQUATE: 19 OL SUBSTANDARD: 4 OL

PROJECT: Construct a Type III pressurized hydrant fuel system and add to an existing hydrant system. (C)

REQUIREMENT: There is a need to provide a hydrant fuel system for wide-bodied fuel-tanker aircraft supporting strategic en route mobility requirements in the Pacific and other war plans. This system will provide fuel hydrants at 20 parking positions that support KC-135 aircraft assigned to the base.

CURRENT SITUATION: Wide-bodied aircraft are currently fueled by refueler trucks or a hydrant system of 15 outlets that uses 40-year-old underground fuel storage tanks and equipment. Aircraft must be towed into these parking positions to be refueled. Four of these outlets are inappropriately spaced for refueling KC-135s and will be demolished.

1. Component DEFENSE	FY 2000 MILITARY CONSTRUCTION PROJECT DATA  2. Date FEB 99									
(DLA)										
3. Installation and I	3. Installation and Location: 4. Project Title									
FAIRCHILD AIR	DRANT FUEL SY	YSTEM								
5. Program Element	t	6. Category Code	7. Pro	ject Number	8. Project Cost (\$0	000)				
71111S		121	Г	DFSC9961	,	400 500				
In addition, an FY	97 Air Force	e MILCON project will const	ruct an	eight-outlet hyd	lrant system to redu	ce dependence				

In addition, an FY 97 Air Force MILCON project will construct an eight-outlet hydrant system to reduce dependence on truck refueling, which is too slow and manpower intensive to support mission requirements for aircraft turnaround time. The proposed project extends this system by 10 outlets and constructs an additional 10-outlet hydrant fuel system.

IMPACT IF NOT PROVIDED: If this project is not provided, air base operations will continue to be hampered by delays in refueling wide-bodied aircraft. Reliance on refueler trucks will increase sortie turnaround times, and exhaust equipment and manpower. The base's ability to support strategic en route refueling, high-priority operations plans, and national command authority taskings will be jeopardized.

ADDITIONAL: The status quo is unacceptable for meeting strategic en route refueling requirements. Construction of new hydrant fuel systems is the only feasible alternative. This project meets all applicable DoD criteria.

## 12. Supplemental Data:

- A. Estimated Design Data:
  - 1. Status:
    - (a) Date Design Started......02/97
    - (b) Percent Completed as of January 1999......80
    - (c) Date 35 Percent Completed......07/97
    - (d) Date Design Complete.......06/99
  - 2. Basis:
    - (a) Standard or Definitive Design:.....YES
    - (b) Date Design was Most Recently Used:......09/97
  - 3. Total Cost (c) = (a)+(b) or (d)+(e) (\$000)
    - (a) Production of Plans and Specifications......300
    - (b) All Other Design Costs......200
    - (c) Total......500
- B. Equipment associated with this project that will be provided from other appropriations: None

TUDENTS ENLIST  Z DATA (\$0	CIVIL			COST I	2.0  TOTAL  16,00 24,30 23,00 61,89  125,19  STATUS COMPLETE 06/99
TUDENTS ENLIST  DATA (\$0	CIVIL	COST (\$000)	ENLIST	DESIGN START	2.0  TOTAL  16,00 24,30 23,00 61,89  125,19  STATUS COMPLETE
TUDENTS ENLIST  DATA (\$0	CIVIL	COST (\$000)	ENLIST	DESIGN START	16,00 24,30 23,00 61,89 125,19 STATUS COMPLETE
ENLIST  Z DATA (\$0		COST (\$000)	ENLIST	DESIGN START	16,00 24,30 23,00 61,89 125,19 STATUS COMPLETE
7 DATA (\$0		COST (\$000)		DESIGN START	16,00 24,30 23,00 61,89 125,19 STATUS COMPLETE
	000)	(\$000)		START	24,30 23,00 61,89 125,19 STATUS COMPLETE
m		(\$000)		START	24,30 23,00 61,89 125,19 STATUS COMPLETE
m		(\$000)		START	24,30 23,00 61,89 125,19 STATUS COMPLETE
m		(\$000)		START	24,30 23,00 61,89 125,19 STATUS COMPLETE
m		(\$000)		START	23,00 61,89 125,19 STATUS COMPLETE
m		(\$000)		START	61,89 125,19 STATUS COMPLETE
m		(\$000)		START	125,19 STATUS COMPLETE
m		(\$000)		START	STATUS COMPLETE
m		(\$000)		START	STATUS COMPLETE
m		(\$000)		START	COMPLETE
m		(\$000)		START	COMPLETE
		COST (\$000)			
		23,000	)		
		22,698			
		16,200 23,000			
		ssions of ass			ersen Air Force
		(0000)			
		(\$000) 0	)		
		0			
		0			
			0	0	0 0

DD Form 1390

1. Component								2. Date
DEFENSE	FY 200	00 MILITARY CONST	ruc	TION	PROJ	ECT	DATA	<b>FEB 99</b>
(DLA)								
3. Installation and Lo	cation:			4. Pro	ject Title		<u>'</u>	
ANDERSEN AIR I	FORCE BA	ASE, GUAM		REPI	LACE H	YDRA	ANT FUEL S	YSTEM
5. Program Element		6. Category Code	7. Pro	ject Nu	mber	8. Pr	oject Cost (\$00	0)
71111S		121	D	FSC0	001	Auth	: 24,30	0
						Appr	rop: 2,60	0
		9. COST ES	L STIMA'	ΓES				
		Item	0 1 11/11 1	U/M	Quant	ity	Unit Cost	Cost (\$000)
PRIMARY FACILITY.				-		•	-	18,981
REFUELING OUTLE	ETS			OL	20		625,000	(12,500)
OPERATING TANK	S			kL	3,180	0	670	(2,131)
PUMPHOUSE				LS	-		-	(3,000)
TRUCK FILLSTAND	)			LS	-		-	(500)
PANTOGRAPHS				LS	-		-	(850)
				-	-		-	2,750
-		PROVEMENTS		LS	-		-	(500)
		L UTILITIES		LS	-		-	(350)
				LS	-		-	(1,500)
OPERATIONS & MA	MNTENAN	CE SUPPORT INFORMATION	٧	LS	-		-	(400)
SUBTOTAL				_	_		_	21,731
				-	-		-	1,087
,								
ESTIMATED CONTRA	ACT COST			-	-		-	22,818
SUPERVISION, INSPE	ECTION, &	OVERHEAD (SIOH) (6.5%)		-	-		-	<u>1,483</u>
,				-	-		-	24,301
TOTAL REQUEST RO	UNDED			-	-		-	24,300
10 Description of Pr	onosed Cor	nstruction This project is pha	ased ove	er two	vears to re	enlace	a hydrant fuel	system DI A
		as a continuous project using						
		0. Furthermore, DLA is requ						
11 1		maining amount of \$21.7 mill					,	
		t fuel outlets, two 1,590 kiloli						
		ns. Connect operating tanks t						
		appression, and 750 kW emer and fuel piping, 20 hydrant out						
maintenance support			icts, and	ı 5 pun	ipilouses.	1100	ide operations	and
maniconance support								
11 REQUIREMEN	NT: 67 Ou	tlets (OL) ADEQUAT	ΓE: 0 C	)L	S	UBST	ANDARD: 0	OL
PROJECT: Panlage	a deterior	ated hydrant fueling system w	rith a Ts	me III	nrecentriza	ad hyd	rant fuel exete	m (C)
TROJECT. Replace	a actenon	aca nyaram ruching system w	viii a 1	ypc 111	Pressurize	ou nyu	rani iuci syste	(C)
		eed to provide a functioning l						
		irements in the Pacific. This						
		etime missions or en route me						
I his project provides	s one of for	ur hydrant systems needed to	meet a	total re	equiremen	t of 6	/ nydrant outle	ets.

1. Component DEFENSE	FY 200	2. Date FEB 99						
(DLA)								
3. Installation and I								
ANDERSEN AIR	FORCE B.	ASE, GUAM	REPLACE HYDRANT FUEL SYSTEM					
5. Program Element	t	8. Project Cost (\$	6000)					
71111S		121		FSC0001	Auth: 24,	300		
					Approp: 2,	600		

CURRENT SITUATION: The existing 45-year-old hydrant system is failing and requires constant repairs due to its condition and the highly corrosive environment in which it operates. As a result, one of three existing pumphouses with six outlets has already been taken out of service. Six other outlets (of a total of 20) are also out of service. Because of the system's age, repair parts are no longer commercially available and must be salvaged from other similar systems or individually fabricated. The underground piping system lacks cathodic (corrosion) protection. Underground electrical and mechanical controls frequently fail due to water infiltration into valve pits and conduits.

IMPACT IF NOT PROVIDED: If this project is not provided, a complete failure of the existing system is likely as components continue to deteriorate and replacement parts become unavailable. The continued use of this obsolete system jeopardizes the base's ability to refuel wide-bodied aircraft in support of current en route mobility plans. The potential for environmental contamination from unprotected, deteriorating underground fuel systems will increase.

ADDITIONAL: An analysis of the status quo, refueling by truck, or constructing the proposed hydrant system concluded that replacement of the existing system is the only feasible alternative to accomplish the en route mission. This project meets all applicable DoD criteria.

## 12. Supplemental Data:

- A. Estimated Design Data:
  - 1. Status:
    - (a) Date Design Started......12/97
    - (b) Percent Completed as of January 1999......60
  - 2. Basis:
    - (a) Standard or Definitive Design:.....YES
    - (b) Date Design was Most Recently Used:.....09/97
  - 3. Total Cost (c) = (a)+(b) or (d)+(e) (\$000)
    - (a) Production of Plans and Specifications......790
    - (b) All Other Design Costs......530
    - (c) Total......1320
- B. Equipment associated with this project that will be provided from other appropriations: None

1. COMPONE DEFENSI (DLA)		FY 2000 MILITARY CONSTRUCTION	N PROGRAM	2. DATE	FEB 99
. INSTALLATION AN	D LOCATION	4. COMMAND			CONSTRUCTION
MORON AI MORON, SI		DEFENSE LOGISTICS	AGENCY	COST II	1.04
6. PERSONNEL STREN	GTH P	PERMANENT STUDENTS	SUPPO	RTED	
Tenant of USAF	OFFICER	ENLIST CIVIL OFFICER ENLIST C	IVIL OFFICER ENL	IST CIVIL	TOTAL
A. B.					
		7. INVENTORY DATA (\$000	)		
A. TOTAL AREA.					
B. INVENTORY TOTA	L AS OF				
C. AUTHORIZATION N	NOT YET IN INVE	NTORY			12,958
D. AUTHORIZATION F	REQUESTED IN TH	HIS PROGRAM			15,200
E. AUTHORIZATION I	NCLUDED IN FOL	LOWING PROGRAM			(
F. PLANNED IN NEXT	THREE YEARS				(
G. REMAINING DEFIC	IENCY				(
H. GRAND TOTAL					28,158
8. PROJECTS REQUES	TED IN THIS PRO	GRAM:			
CATEGORY PROJ CODE NUM 121 DFSC9	BER	PROJECT TITLE  Replace Hydrant Fuel System	COST (\$000) 15,200	DESIGN START 05/96	STATUS COMPLETE 10/98
9. FUTURE PROJECTS					
CATEGORY CODE		PROJECT TITLE	COST (\$000)		
None		TROJECT TITEL	(4000)		
Restore Hope operational Guard and a nissions.	ed primarily as a ons for troop bu ctive service uni	forward stand-by base. The base was used fill up and food relief. The installation is also ts. These fuel facilities provide essential sto in for fuel facilities at this location is \$1,057,	o frequently used for trage and fuel distribution	raining exercise on systems to s	es by both the
11 OUTSTANDING DO	N I LITEION AND C	A FETTY DEFICIENCIES			
11. OUISTANDING PC	LLU I ION AND SA	AFETY DEFICIENCIES	(\$000)		
A. AIR POLLUTIO	ON		0		
B. WATER POLLI			0		
C. OCCUPATION	AL SAFETY AND	HEALTH	0		

1. Component 2. Date FY 2000 MILITARY CONSTRUCTION PROJECT DATA **DEFENSE FEB 99** (DLA) 3. Installation and Location: 4. Project Title **MORON AIR BASE, SPAIN** REPLACE HYDRANT FUEL SYSTEM 7. Project Number 8. Project Cost (\$000) 5. Program Element 6. Category Code 71111S 121 **DFSC9805** Auth: 15,200 Approp: 4,100 9. COST ESTIMATES U/M Unit Cost Item Quantity Cost (\$000) PRIMARY FACILITIES..... 11,744 HYDRANT FUEL OUTLETS..... 21 OL 364,000 (7,644)STORAGE TANKS..... 10,000 300 (3,000)FILTER BUILDING WITH PIPING..... (600)PANTOGRAPHS..... (500)SUPPORTING FACILITIES..... 1.825 SITE PREPARATION AND IMPROVEMENTS..... LS (800)MECHANICAL AND ELECTRICAL UTILITIES..... (400)DEMOLITION..... LS (375)OPERATIONS AND MAINTENANCE SUPPORT INFORMATION..... LS (250)SUBTOTAL..... 13,569 CONTINGENCY (5%)..... 678 ESTIMATED CONTRACT COST..... 14,247 SUPERVISION, INSPECTION, & OVERHEAD (SIOH) (6/5%)............ 926 TOTAL REQUEST..... 15,173 TOTAL REQUEST (ROUNDED)..... 15,200 Budget Currency Exchange Rate: 151 pesetas/\$ 10. Description of Proposed Construction: This project is phased over two years to replace a hydrant fuel system. DLA plans to construct both phases as a continuous project using a single construction contract with full authorization for a \$15.2 million project in FY 2000. Furthermore, DLA is requesting an appropriation of \$4.1 million in FY 2000 and advance appropriation of the remaining amount of \$11.1 million. Construct a standard Type III pressurized hydrant fuel system. Project consists of 21 hydrant outlets, two 5,000-kiloliter (kL) (32,000-barrel) cut-and-cover storage tanks, manifold/filter station, pantographs, and all associated piping, pumps, valves, and controls. Repair

pavements disturbed by construction. Decommission existing hydrants and underground storage tanks. Provide operations and maintenance support information.

ADEQUATE: 16 OL SUBSTANDARD: 32 OL Requirement: 37 Outlets (OL)

PROJECT: Replace a deteriorating, obsolete jet fuel hydrant and storage system with a new hydrant fuel system. (C)

REQUIREMENT: There is a need to construct a new hydrant system and fuel storage tanks to replace a 40-year-old system that is failing and that poses serious environmental hazards. This hydrant system is required to rapidly refuel wide-bodied aircraft in support of U.S. contingency plans and other crises. This project provides the second of two systems needed to meet the total requirement for 37 hydrant outlets. The first system, an FY 97 DLA MILCON project, is under construction.

CURRENT SITUATION: The existing hydrant fuel system, built in 1956, is failing and requires constant repairs due to its condition. Because of its age, repair parts are no longer commercially available and must be salvaged from other similar systems or individually fabricated. Underground storage tanks and piping are not cathodically protected to

1. Component DEFENSE	FY 200	2. Date FEB 99					
(DLA)							
3. Installation and I							
MORON AI	R BASE, SP	AIN	REPLACE HYDRANT FUEL SYSTEM				
5. Program Element	t	6. Category Code	7. Pro	ject Number	8. Project Cost (\$0	000)	
71111S		121	D	FSC9805	Auth: 15,	200	
					Approp: 4,	100	
		ases the risk of fuel lead					

minimize corrosion, which increases the risk of fuel leaking undetected into the environment. The existing hydrant pits are improperly spaced for current and future aircraft parking plans so that repairing this obsolete system is not a feasible alternative. The assigned fleet of six refueler trucks is inadequate to quickly refuel large numbers of wide-bodied aircraft in a crisis.

IMPACT IF NOT PROVIDED: If this project is not provided, the current obsolete hydrant system and fuel storage tanks will continue to deteriorate, posing an environmental threat and safety hazard for operating personnel and aircraft. Failure of this system will jeopardize support of the air base's mission.

ADDITIONAL: This project is not yet eligible for funding by the NATO Security Investment Program. However, NATO has approved a precautionary prefinancing statement to facilitate future U.S. recoupment of the cost of this project when eligibility is established. This project meets all applicable DoD criteria.

12. Supplemental Data:

#### A. Estimated Design Data:

- 1. Status:

  - (b) Percent Completed as of January 1999......98

  - (d) Date Design Complete......10/98
- 2. Basis:
  - (a) Standard or Definitive Design: YES
  - (b) Date Design was Most Recently Used:.....05/96
- 3. Total Cost (c) = (a)+(b) or (d)+(e) (\$000)
  - (a) Production of Plans and Specifications......480

  - (c) Total.....800
- B. Equipment associated with this project that will be provided from other appropriations:

  None

1. COMPONENT DEFENSE (DLA)	STRUCTI	ON PR	OGRAM	2. DATE FEB 99						
3. INSTALLATION AND LOC VARIOUS LOCA INSIDE AND OU' THE UNITED ST	TIONS TSIDE	4. COMMAND  DEFENSE LOGISTICS AGENCY						5. AREA CONSTRUCTION COST INDEX Varies		
PERSONNEL STRENGTH PERMANENT STUDENTS SUPPORTED										
A. B.	OFFICER 1	ENLIST (	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
			7.	INVENTO	RY DATA (\$	000)				
A. TOTAL AREA.										
B. INVENTORY TOTAL AS C	F									
C. AUTHORIZATION NOT YI	ET IN INVENT	ORY								12,57
D. AUTHORIZATION REQUE	ESTED IN THIS	S PROGRAM	4							8,90
E. AUTHORIZATION INCLUI	DED IN FOLLO	OWING PRO	OGRAM							9,10
F. PLANNED IN NEXT THRE	E YEARS									10,82
G. REMAINING DEFICIENCY	<i></i>									
H. GRAND TOTAL										41,40
8. PROJECTS REQUESTED II	N THIS PROGE	RAM:								· · · · · · · · · · · · · · · · · · ·
CATEGORY PROJECT CODE NUMBER 442 DRMS0001			on Abat	CT TITLE tement Facil age Facilitie			COST (\$000) 8,900		DESIGN START Varies	STATUS COMPLETE Varies
9. FUTURE PROJECTS										
CATEGORY CODE 442 Pollution Aba 442 Pollution Aba 442 Pollution Aba	tement Faciliti	ies (CSF) (F	FY 01) FY 02)	E			COST (\$000) 9,100 5,026 5,800			
10. MISSION OR MAJOR FUNC This program provides esse (RCRA).		s to compl	y with	the require	ements of S	ubtitle C	C of the Reso	urce Cor	nservation :	and Recovery Ac
11. OUTSTANDING POLLUT	ION AND SAF	ETY DEFIC	IENCIE	S						
A. AIR POLLUTION							(\$000) 0			
B. WATER POLLUTION							0			
C. OCCUPATIONAL SAI	FETY AND HE	EALTH					0			

1. Component DEFENSE FY 2000 MILITARY CONSTRUCTION PROJECT DATA								2. Date FEB 99	
(DLA)	4*			4 D.	4 TP*41.				
3. Installation and Location:					ject Title				
VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES				POLLUTION ABATEMENT FACILITIES				Γ	
5. Program Element		6. Category Code	7. Project Number 8. Project Cost (\$000)						
78012S		442	D					8,900 1,300	
		9. COST E	STIMA	TES					
		Item		U/M	Quan	tity	Unit Cost	Cost (\$000)	
POLLUTION ABATE	MENT FAC	ILITIES		-	-		-	8,900	
CONFORMING STORAGE FACILITIES				LS	-		-	(8,900)	
TOTAL ESTIMATE				-	-		-	8,900	

10. Description of Proposed Construction: This project is phased over two years to provide conforming storage facilities (CSF). DLA plans to construct these CSFs with full authorization for \$8.9 million in FY 2000. Furthermore, DLA is requesting an appropriation of \$1.3 million in FY 2000 and advance appropriation of the remaining amount of \$7.6 million. Project will construct conforming storage facilities of varying sizes based on individual project requirements and existing standard design criteria.

#### 11. REQUIREMENTS: Various

PROJECT: Provide conforming storage facilities for hazardous waste in compliance with environmental standards under Subtitle C of the Resource Conservation and Recovery Act (RCRA). (C)

REQUIREMENT: The Defense Logistics Agency is the responsible agency within the Department of Defense (DoD) for worldwide disposal of specified DoD-generated hazardous waste. It is essential that related storage facilities needed to accomplish this mission be provided and that the operation complies with existing statutes. The attached list represents candidate conforming storage projects for award in FY 2000. Funds requested will be provided to those projects that receive RCRA permits. This is a Class I environmental compliance project.

IMPACT IF NOT PROVIDED: If this project is not provided, mission accomplishment will be seriously impaired at the sites indicated. Potential will exist for violations of RCRA, which requires hazardous waste to be segregated and repackaged in accordance with certain specifications prior to disposal by the Defense Reutilization and Marketing Offices (DRMOs). Installations could be cited in non-compliance with environmental laws and be subjected to civil and criminal legal actions. RCRA operating permits could be withheld or withdrawn.

ADDITIONAL: This project meets all applicable DoD criteria.

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